

# TENT COOPERATION TREATY

## PCT

### INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 2420-300399	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below	
International application No PCT/RU 03/00421	International filing date (day/month/year) 25 September 2003 (25.09.2003)	Priority date (day/month/year) 03 October 2002 (03.10.2002)
Applicant  STATE RESEARCH CENTER OF VIROLOGY AND BIOTECHNOLOGY "VECTOR" et al.		
<p>This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau</p> <p>This international search report consists of a total of <u>2</u> sheets</p> <p><input checked="" type="checkbox"/> It is also accompanied by a copy of each prior art document cited in this report.</p>		
<p><b>1. Basis of the report</b></p> <p>a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.</p> <p><input type="checkbox"/> the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).</p> <p>b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international search was carried out on the basis of the sequence listing:</p> <p><input type="checkbox"/> contained in the international application in written form.</p> <p><input type="checkbox"/> filed together with the international application in computer readable form.</p> <p><input type="checkbox"/> furnished subsequently to this Authority in written form.</p> <p><input type="checkbox"/> furnished subsequently to this Authority in computer readable form.</p> <p><input type="checkbox"/> the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.</p> <p><input type="checkbox"/> the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.</p> <p>2. <input type="checkbox"/> Certain claims were found unsearchable (See Box I).</p> <p>3. <input type="checkbox"/> Unity of invention is lacking (See Box II).</p> <p>4. With regard to the title,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established by this Authority to read as follows:</p> <p>5. With regard to the abstract,</p> <p><input checked="" type="checkbox"/> the text is approved as submitted by the applicant.</p> <p><input type="checkbox"/> the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.</p> <p>6. The figure of the drawings to be published with the abstract is Figure No. _____</p> <p><input type="checkbox"/> as suggested by the applicant.</p> <p><input type="checkbox"/> because the applicant failed to suggest a figure.</p> <p><input type="checkbox"/> because this figure better characterizes the invention.</p> <p style="text-align: right;"><input checked="" type="checkbox"/> None of the figures.</p>		

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/RU 03/00421

## A. CLASSIFICATION OF SUBJECT MATTER

C07K 1/00,14/005,14/195, A61K 39/12,39/02, A61P 31/12

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C07K 1/00,14/005-14/195, A61K 39/02-39/29, A61P 31/12-31/22

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched:

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
X A	ESTAQUIER J. et al., "The mixotope: a combinatorial library as a T cell and B cell immunogen", Eur J Immunol, 1994 Nov; 24(11): 2789-95, abstract	29-38,41 1-28,39,40,42-279
X A	CARLOS M.P. et al., "Immunogenicity of a vaccine preparation representing the variable regions of the HIV type 1 envelope glycoprotein", AIDS Research and Human Retroviruses, 2000 Jan. 20; 16(2): 153-61, abstract, p. 153-154	1-10,24-27,29-30, 36-38,41 11-23,28,31-35,39,40, 42-279
A	US 6042836 (GENENTECH INC) 28.03.2000	1-279

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date  
"L" document with may throw doubts on priori claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search report  
22 December 2003 (22.12.2003)

Date of mailing of the international search report  
25 December 2003 (25.12.2003)

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Form PCT/ISA/210 (second sheet)(July 1998)

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